

ABSTRACT OF THE DISCLOSURE

The invention provides a manufacturing process of transfective TFT-LCD panel (transfective TFT-LCD panel) comprising the following steps: first, form a first conductive layer on the substrate; next, define the first
5 conductive layer to form a gate; after that, form a dielectric layer on the gate; following that, form a channel over the gate; then, form a photo-resist block; form a second conductive layer; next, define the second conductive to form a source and a drain over the gate, and to form a photo-reflective layer on the photo-resist block; after that, form a protection layer thereon; following that,
10 define the protection layer to form a first opening on the photo-reflective layer allowing part of the drain to be exposed, and to form a second opening on the photo-reflective layer allowing part of the photo-reflective layer to be exposed; last, form a transparent electrode being electrically connected to the drain and the photo-reflective layer via the first and the second opening
15 respectively.

* * * * *